

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of treating a process stream by catalysis, comprising passing the process stream through a chemical reactor containing catalytic material and including the step of passing the process stream through a layer of filter material located in the reactor, the layer comprising shaped porous bodies of ceramic material, the porosity being from about 65% to about 90%, the pores being defined by struts and walls, the pores being coalesced such that the walls are formed between adjacent pores, in at least some of which walls windows are formed windows to allow fluid communication between adjacent pores.

2. (Original) A method according to Claim 1, wherein the pore size of the pores in the porous bodies ranges from about 50 micron to about 1500 micron.

3. (Previously presented) A method according to Claim 1, wherein the window size is less than 450 μm .

4. (Currently amended) A method according to Claim 1, wherein the porosity of the porous bodies exceeds 75% so that substantially all of the pores are all-interconnected.

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5. (Previously presented) A method according to Claim 1, wherein the density of the body ranges from about 10% to about 30% of theoretical density.
6. (Previously presented) A method according to Claim 1, wherein the pore surfaces of the bodies are coated with catalytic species prior to use.
7. (Previously presented) A method according to Claim 1, wherein the filter material is held in a rotating wheel or slide configuration such that only a proportion of the filter material is exposed to the process stream at any one time and the other portions of the filter are exposed to a regenerative process or being held in a standby mode.
8. Claims 8-17 (Cancelled).